

EP098T Series

Digital Scoreboard

Led Technology

EP098TBH 7-6-54

[www.elettronicaiprogetti.com](http://www.elettronicaiprogetti.com)



Elettronica Progetti

An ISO EN 9001-2000 certified company

## ■ EP098TBH 7-6-54 digital scoreboard

is the one installed, for its wide dimensions, on shooting range of important shootings facilities on the range where finals take place. It allows, in fact, shooters and spectators to follow in real time the final of the competition in progress as it displays, for each finalist:

- BIB number (4 characters)
- Name (12 characters)
- Country (3 characters)
- Qualification scores (3 characters)
- Position on stand with blinking to identify the shooter next to shoot (1 character)
- Sequence of HITS and MISSES, both for single and double target disciplines. The 25 "spots" for HIT and MISS are represented with bi-colour Leds: Green and Red.
- Total score (3 characters)
- Relevant ranking, as they vary shot by shot. (1 character)
- Number of targets necessary to complete the game (2 characters)

While the data relevant to the competition in progress are coming from the EP095 control unit, by means of its serial port RS485, the data relevant to the data of shooters are coming from the EP096GM system management unit that runs the shooting ground by means of its software.

**The EP098TBH 7-6-54 scoreboard is the first fully compliance with the ISSF requirements for Final Scoreboards.**

It have been designed in order to match the relevant requirements of media. It is therefore possible to present any kind of information, either relevant to the competition in progress, such as scores, results, rankings, competition timetables, etc., or news and commercial advertisements of different kinds.

## ■ Technical Characteristics

dimensions:	470 x 135 x 16 cm.
weight:	270 kg
interface:	RS485
character height:	7,5 cm
number of lines:	6
nr. of characters for line:	52
input voltage:	110 V <sub>AC</sub> ÷ 240 V <sub>AC</sub> / 47 Hz ÷ 63 Hz
power consumption:	650 W
operating temp. range:	-10°C ÷ +45°C
protection from lightning:	varistors, transil, gas discharge

— *Multi-Pull*

THE SYSTEM FOR SHOOTING

GROUND AUTOMATION

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## ■ EP098T 7-6-36 digital scoreboard

is the one installed, for its wide dimensions, on shooting range of important shootings facilities.

It shows, for each shooter, the name or shooter number plus country (with 8 alphanumeric characters), the position at the shooting stand, the sequence of HITS and MISSES and the total number of HITS, both for single and double target disciplines.

In addition to that, the blinking of the figure identifying the position of each athlete indicates which shooter will be the next to shoot.

While the data relevant to the competition in progress are coming from the EP095S control unit, by means of its serial port RS485, the data relevant to the name of shooters are coming from the EP096GM system management unit that runs the shooting ground by means of its software.

## ■ All scoreboards are designed

to show in real time scores and results as soon as they are directly connected with EP095S trap control units. Scoreboards operation is fully automatic: all relevant signals immediately flow to them to be displayed through the RS485 port, suitable to cover long distances, with no need for further interfaces.

In case of power failure, the competition data are saved and stored. As soon as the power is back, the board will display the same situation as before the interruption. Easy to install, with no specific requirements, they are all built to withstand severe thermal stress and adverse climatic conditions and they only need to be properly positioned in open air, although possibly sheltered from direct rain and sun-rays, preferably in a roofed area. If necessary the scoreboards can be supplied with appropriate support posts.

The scoreboards come equipped with active protections against humidity condensation, which protect the unit even during inactivity periods, allowing for safe operation in highly humid climates or near the sea.

## ■ Technical Characteristics

dimensions:	303 x 107 x 16 cm.
weight:	100 kg
interface:	RS485
character height:	7,5 cm
number of lines:	6
nr. of characters for line:	36
input voltage:	110 V <sub>AC</sub> ÷ 240 V <sub>AC</sub> / 47 Hz ÷ 63 Hz
power consumption:	250 W
operating temp. range:	-10°C ÷ +45°C
protection from lightning:	varistors, transil, gas discharge

EP098T 7-6-36

*Multi-Pull*

THE SYSTEM FOR SHOOTING

GROUND AUTOMATION

# INSTALLATION

*Multi-Pull*

BIB	NAME	NOC	QUA	P	TARGETS	00	TOT	R
197	PETRUCCI	Gio-ITA	121	1	█████ ██████ ██████ ██████	█████	144	5
123	DELUCIA	Paco-SPA	122	2	█████ ██████ ██████ ██████	█████ ██████	144	6
115	LUC Sylvian	-FRA	122	3	█████ ██████ ██████ ██████	█████ ██████	145	4
172	FINN Richard	-USA	123	4	█████ ██████ ██████ ██████	█████ ██████	147	2
211	RONDAT	Patri-FRA	124	5	█████ ██████ ██████ ██████	█████ ██████	148	1
176	COOLEY	Rusty-USA	125	6	█████ ██████ ██████ ██████	█████ ██████	146	3

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*Multi-Pull*

BIB	NOC	P	TARGETS	TOT
1234-	ITA	1	█████ ██████ ██████ ██████	24
2313-	FRA	2	█████ ██████ ██████ ██████	23
1222-	SPA	3	█████ ██████ ██████ ██████	25
4322-	USA	4	█████ ██████ ██████ ██████	24
1121-	ITA	5	█████ ██████ ██████ ██████	23
2321-	ITA	6	█████ ██████ ██████ ██████	24

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